43340



TTED STATES PATENT AND TRADEMARK OF

PEDE JUN 2 0 2002

**PATENT** 

In re Application of:

Jong-Dal HONG et al.

Serial No.: 10/050,599

Filed: January 18, 2002

For: A PROCESS FOR FABRICATING

MONOLAYER/MULTILAYER

**ULTRATHIN FILMS** 

Group Art Unit: 1762

TO 18 2002

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.97 and § 1.98, Applicants bring the disclosures attached and listed on completed Form PTO-1449 to the Examiner's attention and request that they be considered and made of record in this application.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

David S. Abrams Reg. No. 22,576

Roylance, Abrams, Berdo & Goodman, L.L.P.

1300 19<sup>th</sup> Street, N.W., Suite 600

Washington, D.C. 20036

(202) 659-9076

Dated

June 13, 2002

Form PTO-1449							F COMMERCE ARK OFFICE	ATTY. DOCKET NO. 43340			SERIAL NO. 10/050,599				
DANT	IFAME	ON D	isc	Los	URE	CIT	ATION	APPLICANT Jong-Dale Hong et al.							
/ /		<i>-</i> \					ssary)	FILING DATE January 18, 2002			GROUP 1762				
JUN 1	3 <b>2002</b>	ري					II S DATEN	T DOCUMENTS		——.					
EXAMINED INITIAL	P	8/	ENT	NUI	MBER		DATE	NAME	CL	ASS	SUBCLASS		G DATE		
1	40EMS											IF REE	COPRIATE		
					+								······································		
		$\Box$											-		
		$\Box$			$\neg$	+									
									4						
								·	YUN	<u> </u>					
									7	18	2002				
										17					
										<u>U</u>					
													-		
-					•		FOREIGN PAT	ENT DOCUMENTS					*****		
		DOC	JMEN	1 TV	NUMBI	ER	DATE	COUNTRY	CL	ASS	SUBCLASS	TRANS	LATION NO		
												123			
	OTHE	R DO	CUM	ENT	S (i	ncl	uding Author,	Title, Date, I	Pertinent D	Pages	s, Etc.)	-	L		
	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)  "Metal Nanoparticle/Polymer Superlattice Films: Fabrication and Control of Layer Structure"; Schmitt et al., Adv. Mater., 1997, 9, No. 1, pp. 61-65.														
	"T Si	"The Pseudo-Ordered Structure in Light Emitting Porous and Nanocrystalline Silicon Films", Wang et al., Appl. Phys. Lett., 70(17), 28 April 1997, 2265-2267.													
	"Tuning the Performance of Layer-by-Layer Assembled Organic Light Emitting Diodes by Controlling the Position of Isolating Clay Barrier.Sheets", Eckle et al., Nano												iodes Nano		
							1, No. 1, pp					-			
EXAMINER							DATE CONSIDERED								
609; Draw Lin	*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

<del></del>										<del></del>							
Form PTO-14	Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE										ATTY. DOCKET NO. 43340			SERIAL NO. 10/050,599			
INE	TIC	ON E	oisc	CLOS	SURI	E C1	TA	rion	APPLICANT Jong-Dale Hong et al.								
6	1P	Ē							sary)	FILING DATE GROUP							
(បរិន័e	se	vera	10.7	hee	ets	if 	nec	ess	sary)	January 18, 2002 1762							
JUN	1 3	2007	ی ۲	:					U.S. PATE	IT DOCUMENTS				<u> </u>			
EXAMINATE INITIAL CONTRACTOR		DQ	DOCUMENT NUMBER DA							NAME	CLAS	ss	SUBCLASS FILIN		G DATE		
EXAMINE	TRAD	EW.															
-	$\vdash$					$\vdash$	$\vdash$	$\vdash$		<del></del>							
	-				┢	╁—	<del> </del>	-				<u></u>			<del> </del>		
	_	-			_	├-	-	_									
		<u> </u>			-	├-	-	_		<del>,-</del>	····				<del></del>		
	<u> </u>					<u> </u>	_			<i>F</i>							
						_				1/N 1 8 2002							
							<u> </u>				J,	W,	~	VED			
											To	0	σ <i>2</i> (	702			
													ZC.		_		
													-\-				
					1					- <u> </u>				-	-		
	1	Ш.	L	L	L	<u> </u>	<u> </u>	<u> </u>	FOREIGN PAT	ENT DOCUMENTS	_	<u></u>		<u></u>			
		Γ													TRANC	LATION	
	ł	DOCUMENT NUMBER DATE								COUNTRY			SS	SUBCLASS	TRANSLATION		
	$\vdash$	├	Γ-	Г	Τ_	Т	F -	ı	<u> </u>				·		YES	NO	
	<u> </u>	_	ļ 	_	-	-	├-	_	-								
] 		_		_	_	_	<u> </u>		<del>  -</del>			<u> </u>					
<u> </u>	<u> </u>	_			_	_	<u> </u>		<u> </u>								
	<u> </u>			<u></u>		<u> </u>	<u> </u>										
	<u> </u>				<u> </u>							]					
	0	THE	R D	OCUI	MEN	TS	(in	clu	ding Author,	Title, Date, F	Pertine	ent Pa	ges	, Etc.)			
	1									on in the Self							
		Montmorillonite Ultrathin Films", Kotov et al., J. Am. Chem. Soc., 1997, 119, 6821-6832.															
<b> </b>	$\vdash$	"E	lec	tro	lun	nine	sce	nce	Studies on	Self-Assembled	Films	of PI	PV a	and CdSe	_		
		Nanoparticles", Gao et al., J. Phys. Chem. B. 1998, 102, 4096-4103.															
	-	-				<u>-</u>											
EXAMINER								, .			חשתב	CONSI	DFP	ED.			
THE RATIO																	
*EXAMINER:	Ini	tia	1 i	fс	*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP											PEP	

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.